



**INSTALLATION INSTRUCTIONS**  
**for the**  
***Kodak X-Omat M43 VENT DUCT ADAPTER KIT***  
**for the**  
***Kodak X-Omat M43, M43A, and Clinic 1 PROCESSORS***

**NOTE**

Good ventilation of the area around the PROCESSOR is essential for maintaining a healthy work environment and for reducing corrosion of equipment. Air circulation should be enough to change the air in a room 10 times per hour.

Use this KIT when connecting the PROCESSOR to the building's ventilation system. This KIT can also be used, if necessary, with the *Kodak* AUXILIARY VENTILATION FAN KIT / 110 V, Part No. 264503.

**CAT No. 143 4943**

Description	Qty
<b>M43 VENT DUCT ADAPTER KIT includes:</b>	
VENT DUCT ADAPTER	1
SCREW	3
WASHER - LOCK	3
WASHER	3
Installation Instructions	1

#### PLEASE NOTE

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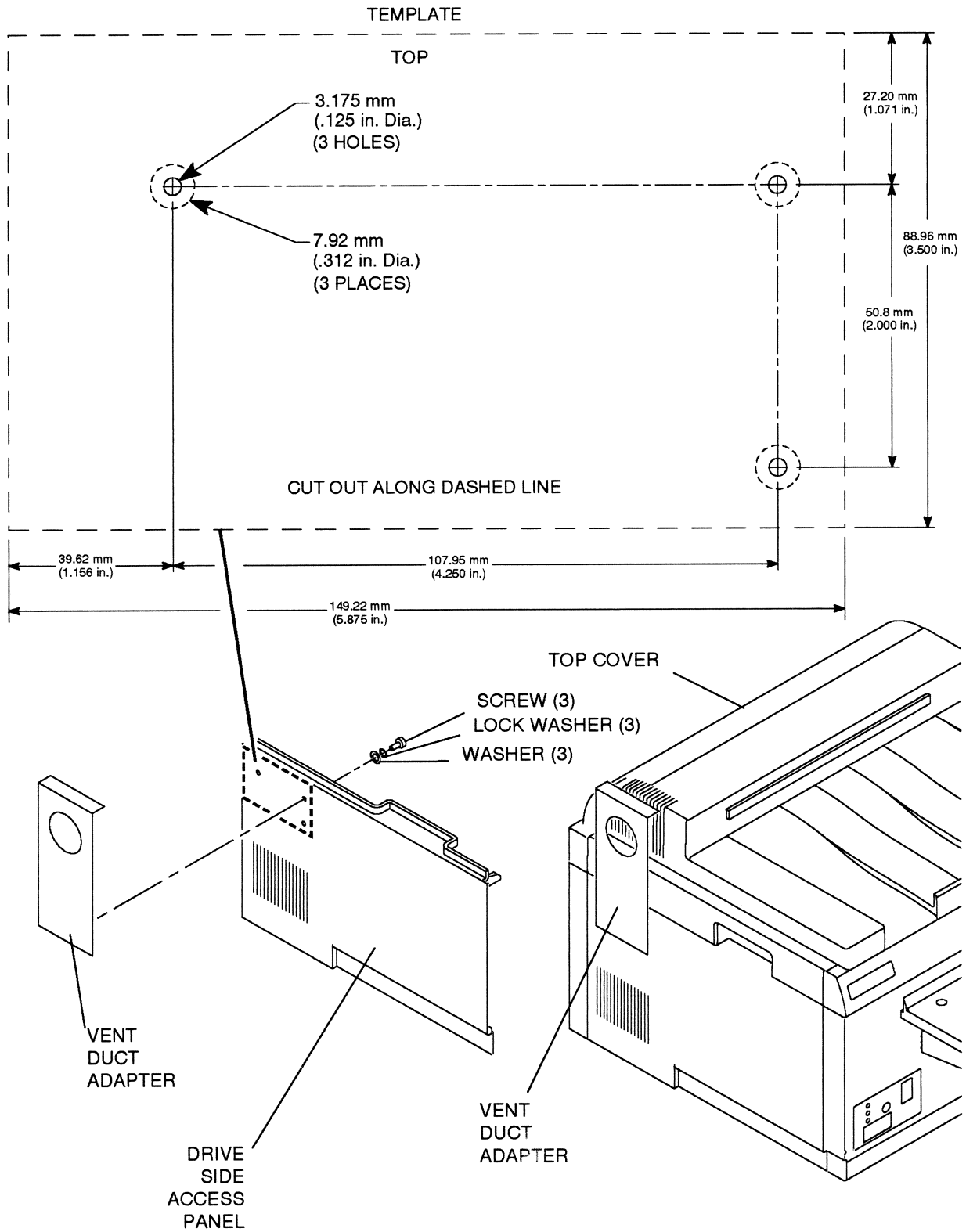
### Installing the VENT DUCT to the PROCESSOR

- [1] Deenergize the PROCESSOR.
- [2] Remove the TOP COVER from the PROCESSOR.
- [3] Loosen the 2 SCREWS that hold the DRIVE SIDE ACCESS PANEL.
- [4] Remove the DRIVE SIDE ACCESS PANEL, and place it on a flat surface so that the external surface of the DRIVE SIDE ACCESS PANEL is up.
- [5] Use tape to hold the TEMPLATE in Figure 1 in the correct position on the DRIVE SIDE ACCESS PANEL for drilling holes for the SCREWS.
- [6] Using a CENTER PUNCH, make marks for 3 holes on the DRIVE SIDE ACCESS PANEL.
- [7] Drill pilot holes 3.175 mm ( $\frac{1}{8}$  in. or 0.125 in.).
- [8] Drill the pilot holes larger, **7.92 mm (5/16 in. or 0.312 in.)**.
- [9] Remove any burrs from the holes.
- [10] Install the VENT DUCT ADAPTER on the DRIVE SIDE ACCESS PANEL using the 3 SCREWS, 3 LOCK WASHERS, and 3 WASHERS from the KIT.

#### NOTE

The STANDOFFS welded to the VENT DUCT ADAPTER fit into the holes drilled in Step 8.

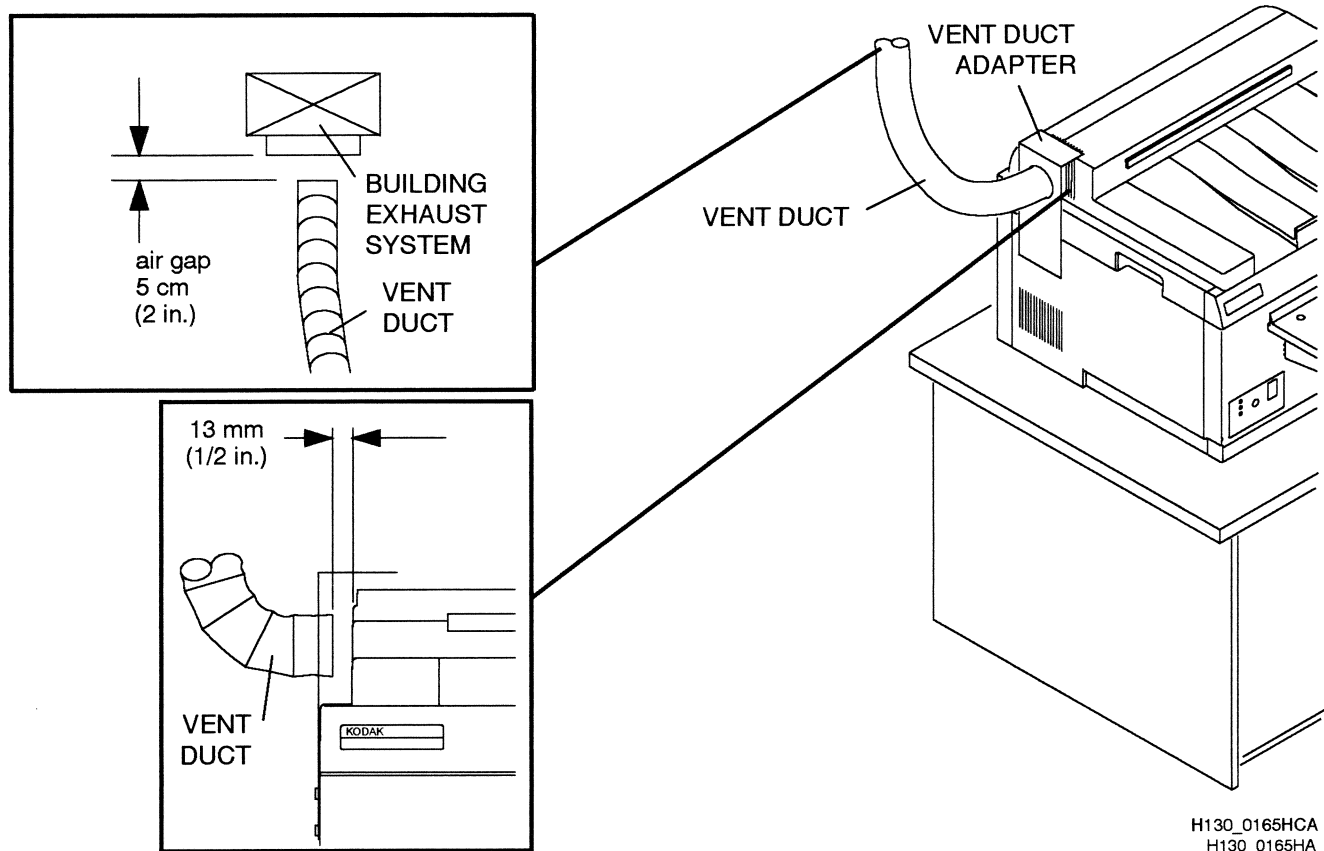
- [11] Install the DRIVE SIDE ACCESS PANEL and the TOP COVER.



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**Figure 1 Installation of the VENT DUCT ADAPTER to the PROCESSOR**

- [12] Install a 7.5 cm (3 in.) VENT DUCT to the BUILDING EXHAUST SYSTEM.
- [13] If **not** installing an AUXILIARY VENTILATION FAN KIT to the PROCESSOR, advance to Step 15.



**Figure 2 Installing the VENT DUCT to the BUILDING EXHAUST SYSTEM**

## CAUTION

The *Kodak* AUXILIARY VENTILATION FAN KIT must be connected to a BUILDING EXHAUST SYSTEM that forces air to the outside of the building, so that no air is reused.

- [14] To install an AUXILIARY VENTILATION FAN KIT:
- (a) Follow the installation instructions packed with the FAN KIT to mount it on a wall or pillar.
  - (b) Cut the VENT DUCT at the correct length to reach the FAN.
  - (c) Connect the VENT DUCT to the top of the FAN. See Figure 3.
  - (d) Connect the remaining part of the VENT DUCT to the bottom of the FAN.
- [15] Insert the VENT DUCT through the hole in the VENT DUCT ADAPTER.
- [16] Adjust the gap between the end of the VENT DUCT and the PROCESSOR to **13 mm (1/2 in.)**. See Figures 2 and 3 on pages 4 and 5.

## NOTE

A 13 mm (1/2 in.) gap will allow removal of the TOP COVER by lifting the TOP COVER and pulling it toward you.

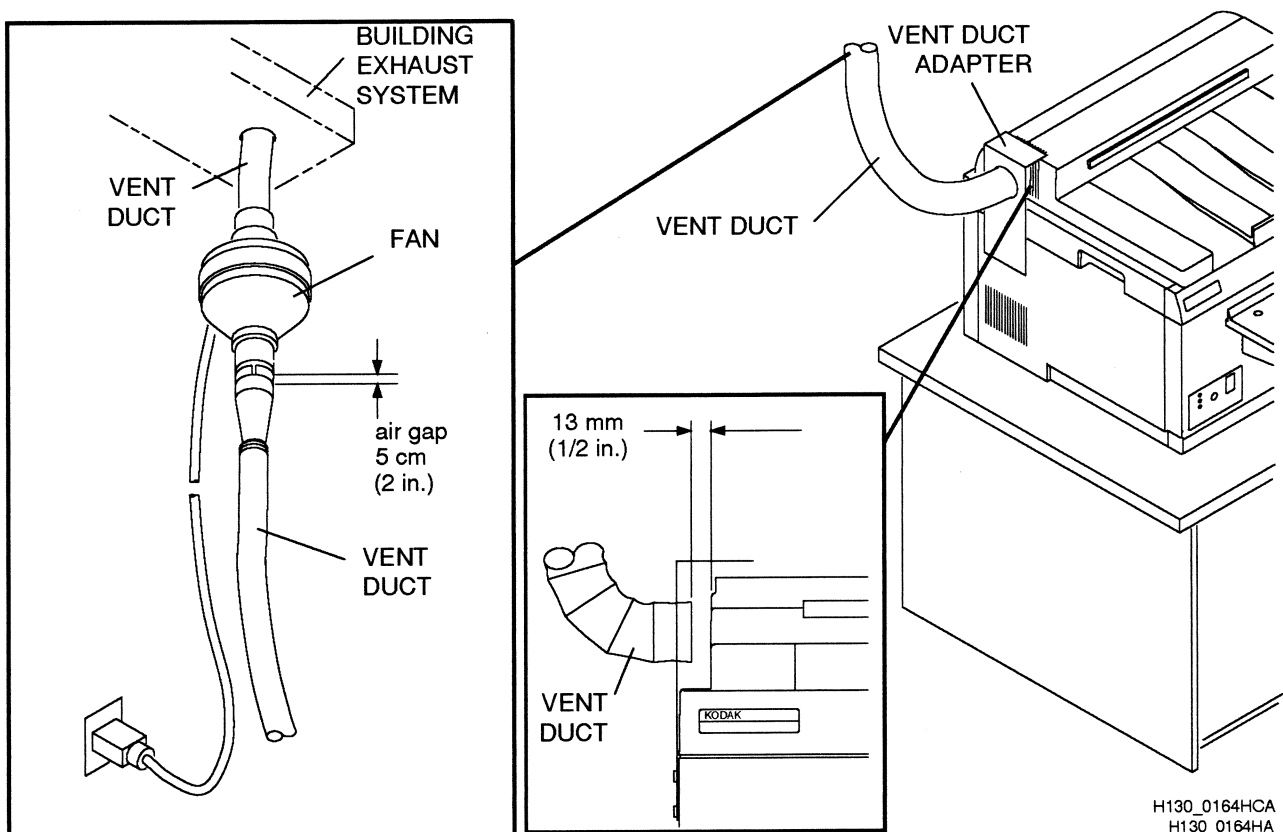


Figure 3 Installation of an AUXILIARY FAN KIT

## Checking the Negative Static Pressure

- [1] Check the negative static pressure.

### IMPORTANT

Before making the measurements, check that:

- the processor is deenergized
- the duct is **not** connected to the processor.

- [2] Use AIR METER TL-2431 and modified J TUBE (CHECK TUBE 592380) to measure negative static pressure in the EXHAUST DUCT 30.5 cm (12 in.) from the end that is to be connected to the processor. See Figures 4 and 5.

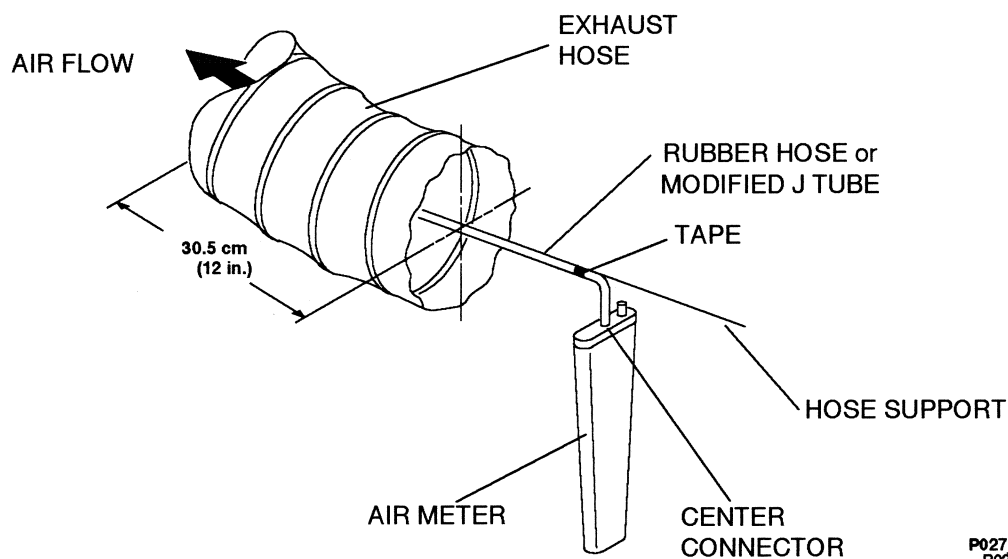
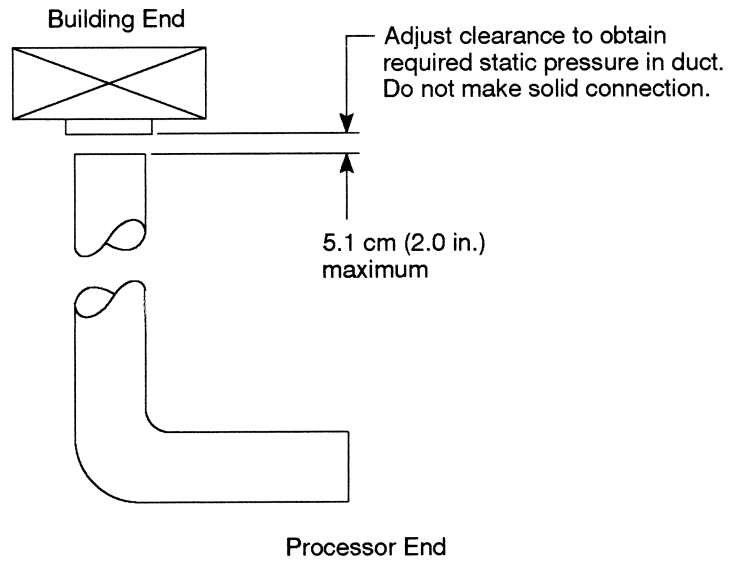


Figure 4 Measuring the Static Pressure

- [3] Adjust the clearance between the building exhaust duct and the duct from the processor as shown in Figure 5 to obtain the required static pressure outlined in the table below.

#### Required Static Pressures

Duct Diameter	Negative Static Pressure, (Water Head)	
	MIN	MAX
7.6 cm (3 in.)	0.76 mm (0.03 in.)	1.02 mm (0.04 in.)
10.2 cm (4 in.)	0.25 mm (0.01 in.)	0.51 mm (0.02 in.)



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Figure 5 Exhaust Requirements

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